

PLANAR FEATURES

Planar symbols (strike and dip of beds, foliation or schistosity, and cleavage) can be combined with linear symbols to record data observed at same locality by superimposing symbols at point of observation. Coexisting planar symbols at point of observation. All combinations of planar and linear symbols used on map need not be shown in explanation.

A statement "Planar and linear symbols may be combined" placed beneath PLANAR FEATURES AND LINEAR FEATURES in explanation is adequate. Use .006 in. line weight on all symbols. Examples of combined planar and linear features and coexisting planar features shown at appropriate places.

BEDDING

Strike and dip of beds		Strike of vertical beds <i>Top of beds known</i>	
Strike and dip of beds <i>Top of beds known from sedimentary features (Used only in areas of complex structure where overturning also is recognized)</i>		Component of dip <i>Dot marks point of observation (Do not use if symbols for lineation in metamorphic rocks on map)</i>	
Strike and dip of overturned beds		Horizontal beds	
Strike and dip of overturned beds <i>Top of beds known</i>		Strike and dip of beds and plunge of slickensides	
Strike of vertical beds		Crumpled, plicated, crenulated, or undulatory beds and average dip	

FOLIATION OR SCHISTOSITY

Strike and dip of foliation		Strike and dip of foliation and parallel bedding	
Strike of vertical foliation <i>Relationship of foliation (or schistosity) to bedding not shown in outcrop</i>		Strike of vertical foliation and parallel bedding	
Horizontal foliation		Strike and dip of foliation and parallel overturned bedding	
		Horizontal foliation and bedding	

CLEAVAGE

Strike and dip of cleavage		Inclined Vertical Horizontal	
Strike of vertical cleavage			
Horizontal cleavage		<i>(Contrasting symbols can be used to distinguish between different kinds of planar structures (slip cleavage, compositional layering, flow structure). Type of planar structure should be specified in explanation)</i>	

LINEAR FEATURES

May be combined with the above planar symbols as shown:

Bearing and plunge of lineation		Vertical beds, showing horizontal lineation	
Vertical lineation <i>(Use open symbol in combination with line symbols)</i>		Horizontal beds, showing trend of horizontal lineation	
Horizontal lineation		Vertical beds, showing plunge of lineation	
Strike and dip of foliation and plunge of lineation		Approximate strike of folded beds showing plunge of fold axes	
Vertical foliation showing horizontal lineation		Attitude of overturned beds and parallel foliation	
Strike and dip of foliation showing horizontal lineation		Attitude of foliation and overturned beds, strikes parallel but dips differ	
Strike and dip of beds and plunge of lineation		Double lineation	
Vertical foliation and vertical lineation		Strike and dip of beds and intersecting slip cleavage <i>(Symbols joined at point of observation)</i>	
Strike of vertical foliation showing plunge of lineation		Strike and dip of beds and parallel slip cleavage	